



**COMBINED DECLARATION AND POWER OF ATTORNEY**  
**(Attorney Docket No: 19240.145-US2)**

As below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, and only inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Systems and Methods of Blood-Based Therapies Having a  
Microfluidic Membraneless Exchange**

the specification of which (check only one):

☐ is attached hereto.

☒ was filed as United States Patent Application Serial No.: 10/801,366 on March 15, 2004.

☐ was filed as PCT Patent Application Serial No. \_\_\_\_\_ on \_\_\_\_\_  
and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, C.F.R. §1.56(a) and §1.56(b).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(e) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS  
UNDER 35 U.S.C. §119(a)-(d) or 365(b), or 365(a):**

COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. §119 (YES/NO)

NEWYORK 98260v1



Declaration and Power of Attorney  
 U.S. Serial No. :10/801,366  
 Filed: March 15, 2004

I hereby claim benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	DATE OF FILING	STATUS:
60/454,579	March 14, 2003	Expired

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATION OR PCT INTERNATIONAL APPLICATION(S)  
 DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120 or 365(c):**

APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS: (PATENTED, PENDING OR ABANDONED)

**POWER OF ATTORNEY:** As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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Baker, Hollie L.	31,321
Barakat, Barbara A.	32,190
Barrett, Steven D.	40,903
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Bevilacqua, Michael J.	31,091
Byrne, Matthew T.	40,934
Byrne, Sally	40,545
Cavanaugh, David L.	36,476

Declaration and Power of Attorney  
 U.S. Serial No. :10/801,366  
 Filed: March 15, 2004



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Goldberg, Neal	48,527
Goldenberg, Richard A.	38,895
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Haller, Wendy A.	35,177
Joslyn, Kristin	47,692
Kahng, Anthony	42,704
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Kennard, Wayne M.	30,271
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Rice, Ph.D., Gretchen A.	37,429
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Steinberg, Donald R.	37,241
Souto, Victor F.	33,458
Superko, Colleen	39,850
Swain, C. Hall	22,838
Thenor, Leonid	39,397
Twomey, Michael J.	38,349
Valentine, Megan	47,149
Vallabh, Rajesh	35,761
Walpert, Ph.D., Gary A.	26,098
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U.S. Serial No. :10/801,366  
Filed: March 15, 2004



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Wherefore, I petition that letters patent be granted to me for the invention or discovery described and claimed in the specification and claims, and hereby subscribe our names to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Edward F. Leonard

Inventor's signature

Date

6/23/04

Citizenship:

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Residence:

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Same as residence

Full name of inventor: Alan C. West

Inventor's signature

Date

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U.S. Serial No. :10/801,366  
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Wherefore, I petition that letters patent be granted to me for the invention or discovery described and claimed in the specification and claims, and hereby subscribe our names to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of inventor: Edward F. Leonard**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Citizenship: United States  
Residence: 29 Rossmore Avenue, Scarsdale, NY 10708 USA  
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**Full name of inventor: Alan C. West**

Inventor's signature Alan C. West Date 6/26/04  
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Declaration and Power of Attorney

U.S. Serial No. :10/801,366

Filed: March 15, 2004

Full name of inventor: Nina C. Shapley

Inventor's signature

*Nina Shapley*Date 6/23/04

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Full name of inventor: Zhongliang Tang

Inventor's signature

Date \_\_\_\_\_

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**Declaration and Power of Attorney**

U.S. Serial No. :10/801,366

Filed: March 15, 2004

**Full name of inventor: Nina C. Shapely**

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